

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits    | Search Query   | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|---------|--|--|------------------|---------|---------------------|
| L1    | 7053    | "UV-curing adhesive" "UV-curing resin" ("UV" NEAR1 cur\$3 NEAR1 (resin adhesive epoxy film layer)) | US-PGPUB;<br>USPAT                         | OR               | ON      | 2009/10/15<br>21:02 |
| L3    | 2576269 | radiation radiat\$3 "heat exposure" irradiat\$4 heat\$3  | US-PGPUB;<br>USPAT                         | OR               | ON      | 2009/10/15<br>21:03 |
| L4    | 2692    | I1 SAME I3   | US-PGPUB;<br>USPAT                         | OR               | ON      | 2009/10/15<br>21:04 |
| L5    | 861717  | semiconductor  | US-PGPUB;<br>USPAT                         | OR               | ON      | 2009/10/15<br>21:04 |
| L6    | 285686  | semiconductor AND protect\$3   | US-PGPUB;<br>USPAT                         | OR               | ON      | 2009/10/15<br>21:04 |
| L7    | 623     | I4 AND I6  | US-PGPUB;<br>USPAT                         | OR               | ON      | 2009/10/15<br>21:04 |
| L8    | 623     | I6 AND (I3 SAME I1)  | US-PGPUB;<br>USPAT                         | OR               | ON      | 2009/10/15<br>21:06 |
| L9    | 3431562 | radiation radiat\$3 "heat exposure" irradiat\$4 heat\$3 cur\$3                                     | US-PGPUB;<br>USPAT                         | OR               | ON      | 2009/10/15<br>21:07 |
| L10   | 170481  | I6 AND (I3 SAME I9)  | US-PGPUB;<br>USPAT                         | OR               | ON      | 2009/10/15<br>21:07 |
| L11   | 123987  | I10 AND circuit  | US-PGPUB;<br>USPAT                         | OR               | ON      | 2009/10/15<br>21:08 |
| L12   | 17048   | I11 AND (grind\$3 lap\$4)  | US-PGPUB;<br>USPAT                         | OR               | ON      | 2009/10/15<br>21:09 |
| L13   | 2804973 | @RLAD> "20031211"<br>@AD> "20031211"<br>@PD> "20031211"  | US-PGPUB;<br>USPAT                         | OR               | ON      | 2009/10/15<br>21:10 |
| L14   | 5471    | I12 NOT I13  | US-PGPUB;<br>USPAT                         | OR               | ON      | 2009/10/15<br>21:10 |
| L15   | 1252    | I14 AND "438"/\$.ccls.   | US-PGPUB;<br>USPAT                         | OR               | ON      | 2009/10/15<br>21:11 |
| L16   | 1558    | I6 AND (I1 SAME I9)  | US-PGPUB;<br>USPAT                         | OR               | ON      | 2009/10/15<br>21:15 |
| L17   | 252     | I16 AND I12  | US-PGPUB;<br>USPAT                         | OR               | ON      | 2009/10/15<br>21:15 |
| L18   | 49      | I17 NOT I13  | US-PGPUB;<br>USPAT                         | OR               | ON      | 2009/10/15<br>21:15 |
| S1    | 2205    | 438/780  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND              | OFF     | 2008/09/04<br>10:38 |



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| S2  | 574     | S1 AND 438/781   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>10:39 |
| S3  | 231     | S2 AND (protect OR<br>protecting OR protect\$3 OR<br>protected)  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>10:40 |
| S4  | 2       | S3 AND (grind OR grinding<br>OR grind\$3)  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>10:43 |
| S5  | 4307027 | semiconductor OR circuit OR<br>IC  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:04 |
| S6  | 4380268 | semiconductor OR circuit OR<br>IC OR wafer   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:05 |
| S7  | 424     | S6 AND (surface NEAR protect<br>\$3 NEAR2 method)  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:06 |
| S8  | 1       | "10595678"   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:19 |
| S9  | 38687   | S5 AND ((meth NEAR1<br>acrylates) OR pentaerythritol<br>OR urethane OR phenol-<br>novolac OR cresol-novolac) | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:23 |
| S10 | 68      | S9 AND (surface NEAR protect<br>\$3 NEAR2 method)  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:24 |
| S11 | 0       | "6792991".pn. "6235141".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:27 |
| S12 | 2       | "6792991".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:28 |
| S13 | 2       | "6235141".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:28 |
| S14 | 2       | "5476566".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:28 |



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| S15 | 2   | "6284425".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:37 |
| S16 | 2   | "6358664".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:38 |
| S17 | 2   | "20010018404"  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:38 |
| S18 | 0   | "4818323".pn. "5414297".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:39 |
| S19 | 0   | "4818323""pn.", "5414297".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:39 |
| S20 | 2   | "4818323".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:39 |
| S21 | 2   | "5414297".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:40 |
| S22 | 2   | "6214520".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:40 |
| S23 | 2   | "6551906".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>11:40 |
| S24 | 2   | "6620649".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>12:17 |
| S25 | 2   | "6939741".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>12:19 |
| S26 | 4   | "7201969".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>12:19 |
| S27 | 570 | S6 AND ((storage NEAR1<br>elastic NEAR1 modulus) OR<br>(elastic NEAR1 shear NEAR1<br>storage NEAR1 modulus)) | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>12:25 |



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| S28 | 8       | S27 AND S10  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>12:25 |
| S29 | 1057813 | S6 AND ((storage NEAR1<br>elastic NEAR1 modulus) OR E<br>OR (elastic NEAR1 tensile<br>NEAR1 storage NEAR1<br>modulus)) | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>12:29 |
| S30 | 570     | S29 AND S27  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>12:30 |
| S31 | 8       | S30 AND S28  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>12:30 |
| S32 | 4380268 | semiconductor OR circuit OR<br>IC OR wafer   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>14:22 |
| S33 | 783     | S32 AND (UV NEAR1 curing<br>NEAR1 resin)   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>14:22 |
| S34 | 369     | S33 AND (resin SAME<br>(heated OR heat OR heat\$3))  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>14:23 |
| S35 | 20      | S34 AND (solid SAME (room<br>NEAR temperature))  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>14:24 |
| S36 | 1       | S35 AND (fluid WITH (heat<br>OR heating OR heated OR<br>heat\$3))  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>14:39 |
| S37 | 5       | "6674158"  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>15:58 |
| S38 | 0       | "6674158.pn."  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>15:58 |
| S39 | 2       | "6674158".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>15:58 |
| S41 | 4307027 | semiconductor OR circuit OR<br>IC  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>18:33 |



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| S42 | 38687 | S41 AND ((meth NEAR1 acrylates) OR pentaerythritol OR urethane OR phenol-novolac OR cresol-novolac) | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>18:33 |
| S43 | 1     | S41 AND (phenol NEAR1 novolac NEAR1 meth NEAR1 acrylate)  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>18:41 |
| S44 | 1     | S41 AND (phenol NEAR1 novolac NEAR1 acrylate)   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>18:41 |
| S45 | 18    | "5516858"   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>18:47 |
| S46 | 2     | "5516858".pn.   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>18:47 |
| S47 | 2     | "5726219".pn.   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>18:53 |
| S48 | 2     | "4963602".pn.   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>19:22 |
| S49 | 1818  | S41 AND (phenol NEAR1 novolac)  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>19:33 |
| S50 | 1031  | S49 AND ((molecular NEAR1 weight) OR MW)  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>19:34 |
| S51 | 161   | S49 AND (((molecular NEAR1 weight) OR MW) NEAR2 "1000")   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>19:34 |
| S52 | 21    | S49 AND ((phenol NEAR1 novolac) SAME (((molecular NEAR1 weight) OR MW) NEAR2 "1000"))               | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>19:42 |
| S53 | 0     | S52 AND initiator   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>19:42 |
| S54 | 11    | S52 AND initiator   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>19:42 |



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| S55 | 1 | S52 AND (cationic NEAR1 initiator) | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2008/09/04<br>19:42 |
| S56 | 1 | "6551906".pn.                      | USPAT                                      | OR  | OFF | 2008/09/05<br>14:52 |
| S57 | 1 | "5516858".pn.                      | USPAT                                      | OR  | OFF | 2008/09/05<br>14:52 |
| S58 | 1 | "5726219".pn.                      | USPAT                                      | OR  | OFF | 2008/09/05<br>14:53 |
| S59 | 1 | "5118567".pn.                      | USPAT                                      | OR  | OFF | 2008/09/05<br>14:53 |

**10/ 15/ 2009 9:57:51 PM**

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